Attorney Docket No.: 16592-2

DECLARATION AND POWER OF ATTORNEY

As a below-named joint inventor, I hereby declare that:

My residence, post office address, and citizenship are as recited below next to my respective name.

I believe I am the original, sole, and first inventor of the subject matter that is claimed and for which a patent is sought in the invention entitled **Microelectronic Radiation Detector**, the specification of which is attached hereto.

I hereby acknowledge that I have reviewed and understand the contents of the above-identified application, including the claims and drawings.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations §1.56. As stated therein, information is material to patentability when it is not cumulative to information already of record in the file of the above-identified application or being made of record in the application, and (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or (2) it refutes, or is inconsistent with, a position we take in: (i) opposing an argument of unpatentability relied upon by the Office, or (ii) asserting an argument of patentability.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or Inventor's Certificate, or Section 356(a) of any PCT international application that designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or Inventor's Certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	Country	Date Filed	Priority Not Claimed

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Date Filed
60/445,861	February 9, 2003

Attorney Docket No.: 16592-2

I hereby claim the benefit under 35 U.S.C. Section 120 of any United States applications(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior Unites States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C.F.R. section 1.56 that became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application Serial No.	Filing Date	Status
		Patented
		Pending
		Abandoned
		Patented
		Pending
		Abandoned
		Patented
		Pending
		Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As (a) named inventor(s), I/we hereby appoint the following attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith: Glen E. Books (24,950); Michael Johannesen (35,557); Stephen R. Buckingham (40,538); Alex R. Pagano (44,994); George Morgan (46,505); Justin D. Petruzzelli (52,118); and Daniel Sierchio (53,591) and all of Lowenstein Sandler PC.

SEND CORRESPONDENCE TO: DOCKET ADMINISTRATOR LOWENSTEIN SANDLER PC 65 Livingston Avenue Roseland, NJ 07068-1791 973-597-2500/973-597-6162

	Sole o	or First Joint In	ventor	
FULL NAME OF INVENTOR	Last Name Tompa	First Name Gary		Middle Name S.
RESIDENCE AND CITIZENSHIP	City Belle Mead	State or Foreign Country New Jersey		Country of Citizenship US
POST OFFICE ADDRESS	Street 43 Franklin Drive	City State or Country Belle Mead NJ		Zip Code 08854
Signature of The	Date			

	Second	l Joint Invento	or, if any	
FULL NAME OF INVENTOR	Last Name Cuchiaro	First Name Joseph		Middle Name D .
RESIDENCE AND CITIZENSHIP	City Colorado Springs	State or Foreign Country Colorado		Country of Citizenship US
POST OFFICE ADDRESS	Street 2545 Rossmere Street	City Colorado Springs	State or Country Colorado	Zip Code 80919
Signature of The Inventor				Date

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	Sole or	First Joint Inv	ventor	
FULL NAME OF INVENTOR	Last Name Tempa	First Name Gary		Middle Name S.
RESIDENCE AND CITIZENSHIP	City Belle Mead	State or Foreig New Jersey	n Country	Country of Citizenship US
POST OFFICE ADDRESS	Street 43 Franklin Drive	City Belle Mead	State or Country NJ	Zip Code 08854
Signature of The	Date 2/9/04			
	Second	Joint Invento	r, if any	· · · · · · · · · · · · · · · · · · ·
FULL NAME Last Name First Name OF INVENTOR Cuchiaro Joseph			Middle Name D.	
RESIDENCE AND City State or Foreign Country Colorado Springs Colorado			Country of Citizenship US	
POST OFFICE Street. City Colorado Colorado Springs			Zip Code 80919	
Signature of The Inventor			Date	

Attorney Docket No.: 16592-2

	Sole o	or First Joint Inv	ventor	
FULL NAME	Last Name	First Name		Middle Name
OF INVENTOR	Tompa	Gary		S.
RESIDENCE AND CITIZENSHIP	City	State or Foreign Country		Country of Citizenship
	Belle Mead	New Jersey		US
POST OFFICE	Street	City State or Country		Zip Code
ADDRESS	43 Franklin Drive	Belle Mead NJ		08854
Signature of The	Date			
1				

	Second	Joint Invent	or, if any	
FULL NAME OF INVENTOR	Last Name Cuchiaro	First Name Joseph		Middle Name D.
RESIDENCE AND CITIZENSHIP	City Colorado Springs	State or Foreign Country Colorado		Country of Citizenship US
POST OFFICE ADDRESS	Street City State or Country 2545 Rossmere Street Colorado Springs		Zip Code 80919	
Signature of The	Date 2/9/04			